



GBM Development Status

- ★ **New UAH team member - Narayana Bhat**
- ★ **SwRI contract mods in work. On track for DPU Engineering Unit delivery by late summer**
- ★ **New NaI detector designs passed T/V & vibration testing**
- ★ **Locations of detectors on S/C resolved**
- ★ **TIM meeting at SwRI Feb. 3-4 – all IRD issues closed**
- ★ **No significant technical problems or issues**

GBM Science Data Products

Identifier/Level	ProductDescription	DeliveredLatency	SizeProducedby	Deliverto	MG-0010GBM	ScienceData	Level 0 data

★ RMFIT

- Displays rate histories & spectra
- Burst location
- Livetime calculator
- Spectral model fitting/deconvolution (joint with LAT and/or other instruments)
- Burst parameters: peak flux, fluence, duration
- *Includes free IDL run-time license*

★ DRMGEN

- Generates detector response matrices
- May be called from RMFIT

Issues & Concerns

- ★ **DLR funding for 2003 uncertain, but alternative funding solutions under discussion**
 - **DLR-internal funding not yet excluded (depends on political decisions)**
 - ★ **DLR funding for 2004 still a concern**
 - **Mitigation Plan: GLAST project to bridge over critical time span, e. g. advanced payment for DJO to complete phase C design (repayment by DLR foreseen)**
 - ★ **May be able to meet current delivery date, but little or no schedule margin**
- ★ **ICD is ITAR controlled**
- ★ **LAT/GBM ICD unresolved issues**
 - **Sharing of realtime downlink**
 - **Realtime burst data to LAT**
- ★ **Potential for growth of EMI requirements on GBM**